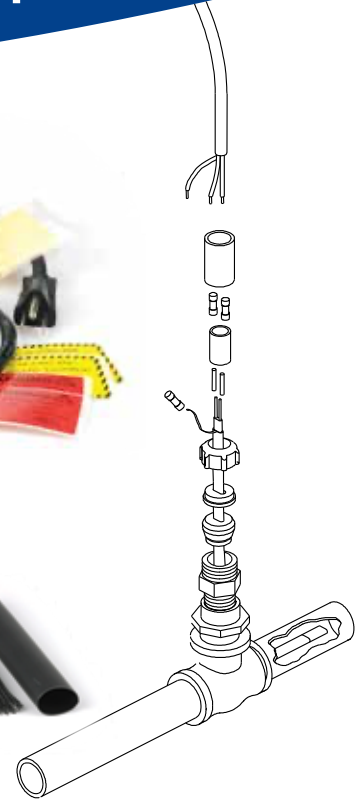


IN-PIPE FREEZE PROTECTION for potable water pipes



Complete accessory kits:



Kit 1 (Brass Kit 125)

GFCI plug with brass filling and end seal
Included: ETA-PIK-PW + ETA-ES-PW + ETA-BCK-PW
For 120V only.



Kit 2 (Brass Kit 125+)

Power connection kit with brass fitting and end seal.
Included: ETA-CK-PW + ETA-ES-PW + ETA-BCK-PW
For 240V only.



ELEC-TRACE aqua



1 866 994-4664 - www.elec-traceaqua.com - info@elec-traceaqua.com

FEATURES

- Energy efficient, automatically varies its power output in response to pipe temperature changes.
- Easy to install, can be cut to any length (up to max circuit length) required on site with no wasted cable.
- Lower installed cost than steam tracing, less maintenance expense and less downtime.
- No overheat or burnout even when wrapped over itself (overlapped).
- Elec-Trace Aqua, brass fitting and end seal kit will reduce installation time.

DESCRIPTION

HTLe increases or decreases the heat output in a self-regulating way depending on the change of the ambient temperature, the cable reduces its temperature as it warms, so this minimizes the effect of the heat on the temperature sensitive roof materials and it will never overheat or burnout even when wrapped over itself (overlapped). With outer-jacket, the heating cable is resistant to watery and inorganic chemicals and protects against abrasion and impact damage. Elec-Trace Aqua provides termination, power connection, splice, tee and end seal kit will reduce installation time and require no special skills or tools

ACCESSORIES

ETA-PIK-PW (ET-08-PW) ETA-ES-PW (ET12-PW)
ETA-BCK-PW (BRASSCK) ETA-CK-PW (ET00-PW)

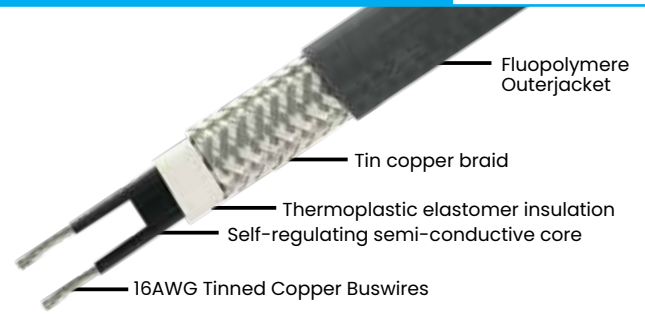
DIMENSION AND WEIGHT

TYPE	DIMENSION	WEIGHT (KG/100M)
6TLC-PW	10.3×5.4mm	10.5

MAXIMUM CIRCUIT LENGTH (FT) PER CIRCUIT BREAKER

	6TLC1-PW 120V				6TLC2-PW 240V			
	15A	20A	30A	40A	15A	20A	30A	40A
0°C	102	133	200	200	203	265	400	400
-7°C	97	126	190	190	193	252	380	380
-18°C	80	105	157	190	160	209	314	380

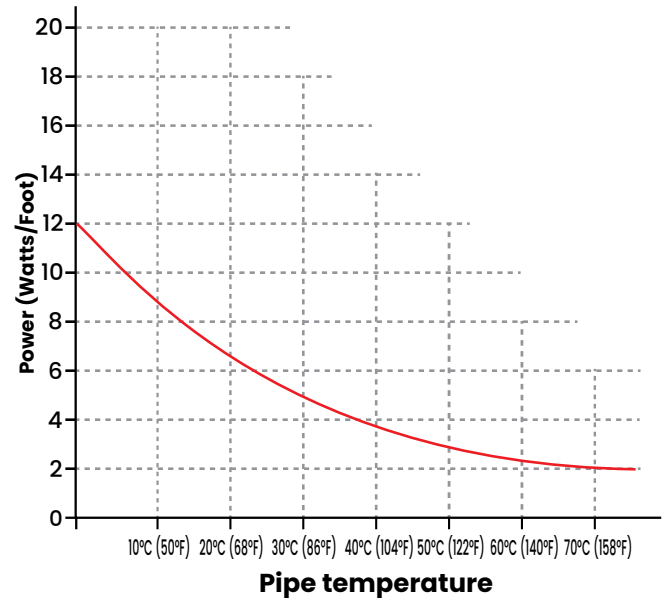
HEATING CABLE CONSTRUCTION



TECHNICAL DATA

Service voltage	110-120V, 208-240-277V
Jacket	Fluoplymere
Chemical resistance	Organic & corrosive solutions
Nominal thickness (mm)	6
Nominal width (mm)	10.9
Minimum bending radius (mm)	36
Weight (kg/100m)	11
Electrical classification	Non hazardous
Power output (nominal)	6W/ft(20W/m)in pipe
6HTLe1 and 6HTLe2	-18°(0°)
Minimum installation temperature	<18.2Ω/km
Protective braid resistance	16AWG
Bus wire gauge	5/8in (16mm)
Minimum bend radius	CSA/NSF/ANSI/ANSI61
Approvals	

POWER OUTPUT CURVES



6TLC1-PW-PA (FSPC1), 6TLC2-PW-PA (FSPC2)



Cable Selection Chart. In pipe for potable water.

	Model	Length		Cold lead size AWG	Output on pipe @50°F/10°C	Output on pipe @40°F/5°C	Output on Snow-Ice @32°F/0°C
		6W	Ft.				
120 V	6TLC1-PW-PA-6	6	1.82	18 / 18	36W / 48W	43W / 57W	57W / 76W
	6TLC1-PW-PA-12	12	3.65	18 / 18	72W / 96W	86W / 115W	114W / 152W
	6TLC1-PW-PA-18	18	5.48	18 / 18	108W / 144W	130W / 173W	171W / 228W
	6TLC1-PW-PA-24	24	7.31	18 / 18	144W / 192W	173W / 230W	228W / 304W
	6TLC1-PW-PA-37	37	11.28	18 / 18	225W / 296W	270W / 360W	356W / 475W
	6TLC1-PW-PA-50	50	15.24	16 / 18	300W / 400W	360W / 480W	475W / 633W
	6TLC1-PW-PA-62	62	18.90	16 / 18	375W / 496W	450W / 600W	594W / 792W
	6TLC1-PW-PA-75	75	22.86	16 / 18	450W / 600W	540W / 720W	712W / 949W
	6TLC1-PW-PA-87	87	26.52	16 / 18	525W / 696W	630W / 840W	831W / 1108W
	6TLC1-PW-PA-100	100	30.48	16 / 16	600W / 800W	720W / 960W	950W / 1267W
	6TLC1-PW-PA-112	112	34.14	14 / 16	675W / 896W	810W / 1080W	1064W / 1419W
	6TLC1-PW-PA-125	125	38.10	14 / 16	750W / 1000W	900W / 1200W	1187W / 1583W
	6TLC1-PW-PA-137	137	41.76	14 / 16	825W / 1096W	990W / 1320W	1301W / 1735W
	6TLC1-PW-PA-150	150	45.73	14 / 16	900W / 1200W	1080W / 1440W	1445W / 1927W



	Model	Length		Cold lead size AWG	Output on pipe @50°F/10°C	Output on pipe @40°F/5°C	Output on Snow-Ice @32°F/0°C
		6W	Ft.				
240 V	6TLC2-PW-PA-6	6	1.82	18 / 18	36W / 48W	43W / 57W	57W / 76W
	6TLC2-PW-PA-12	12	3.65	18 / 18	72W / 96W	86W / 115W	114W / 152W
	6TLC2-PW-PA-18	18	5.48	18 / 18	108W / 144W	130W / 173W	171W / 228W
	6TLC2-PW-PA-24	24	7.31	18 / 18	144W / 192W	173W / 230W	228W / 304W
	6TLC2-PW-PA-37	37	11.28	18 / 18	225W / 296W	270W / 360W	356W / 475W
	6TLC2-PW-PA-50	50	15.24	16 / 18	300W / 400W	360W / 480W	475W / 633W
	6TLC2-PW-PA-62	62	18.90	16 / 18	375W / 496W	450W / 600W	594W / 792W
	6TLC2-PW-PA-75	75	22.86	16 / 18	450W / 600W	540W / 720W	712W / 949W
	6TLC2-PW-PA-87	87	26.52	16 / 18	525W / 696W	630W / 840W	831W / 1108W
	6TLC2-PW-PA-100	100	30.48	16 / 16	600W / 800W	720W / 960W	950W / 1267W
	6TLC2-PW-PA-112	112	34.14	14 / 16	675W / 896W	810W / 1080W	1064W / 1419W
	6TLC2-PW-PA-125	125	38.10	14 / 16	750W / 1000W	900W / 1200W	1187W / 1583W
	6TLC2-PW-PA-137	137	41.76	14 / 16	825W / 1096W	990W / 1320W	1301W / 1735W
	6TLC2-PW-PA-150	150	45.73	14 / 16	900W / 1200W	1080W / 1440W	1445W / 1927W
	6TLC2-PW-PA-162	162	49.39	14 / 16	975W / 1296W	1170W / 1560W	1544W / 2059W
	6TLC2-PW-PA-175	175	53.35	14 / 16	1050W / 1400W	1260W / 1680W	1622W / 2163W
	6TLC2-PW-PA-200	200	60.97	14 / 16	1200W / 1600W	1440W / 1920W	1900W / 2533W
	6TLC2-PW-PA-225	225	68.59	14	1350W / 1800W	1620W / 2160W	2137W / 2849W
6TLC2-PW-PA-250	250	76.21	14	1500W / 2000W	1800W / 2400W	2375W / 3166W	






Prices subject to change without notice.



PIPE FREEZE PROTECTION SYSTEMS

On top of pipe accessories






ACCESSORIES

	ET-CK (ET-00)	Power connection kit for HTLe-TP and MVP (HTR)
	ET-CK+ES (ET-01)	Power Connection Kit + End Seal Kit for HTLe-TP and MVP (HTR)
	ET-AT (ET-02)	Aluminium Tape 165 Feet Roll
	ET-GCT (ET-03)	Glass Cloth Tape 66 Feet Roll
	ET-ES (ET-12)	End Seal Kit for HTLe-TP and MVP (HTR)

PIPE FREEZE PROTECTION SYSTEMS

In-pipe accessories (see page 2)

ACCESSORIES

	ETA-PIK-PW (ET-08-PW)	Power connection kit with in-line GFLP
	ETA-BCK-PW (BRASSCK)	Brass Connection Kit for potable water
	ETA-ES-PW (ET12-PW)	End seal kit for potable water
	ET-CK (ET-00)	Power connection kit for potable water
	A421-AEC-02C	Electronic Temperature Control, 10 Amps, 24V - 120V/208V/240V

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